

To: [Redacted] Personal Email/Ex. 6

Personal Email/Ex. 6

Jim White - DNR'[j.white@state.co.us]; 'Barb Horn -

[Redacted] Personal Email/Ex. 6

From: Wanner, Dan

Sent: Tue 8/11/2015 3:19:37 PM

Subject: RE: Fish v.2

My suspicion is that the massive amount of iron hydroxide has globbed up a lot of the more toxic metals. Not bioavailable. I also think the native fish adapted as you say.

Barb were the caged fish exposed in the hatchery to unfiltered animas water prior to being put in the cages? I

From: [Redacted] Personal Email/Ex. 6

Sent: Tuesday, August 11, 2015 7:40 AM

To: [Redacted] Jim White - DNR'; 'Scott Roberts'; 'Chuck

Personal Email/Ex. 6

Subject: RE: Fish v.2

That is great news Dan. Makes one wonder how that is happening given the degree of contamination. I also wonder exactly what species those little fellows are. It is possible that our native species have adapted somewhat to short but high concentrations of heavy metals whereas non-natives have not. Any chance of finding out?

Cheers,

Bill

From: Wall, Dan [mailto:wall.dan@epa.gov]

Sent: Tuesday, August 11, 2015 7:31 AM

To: [Redacted] Personal Email/Ex. 6 Jim White - DNR; Barb Horn - DNR; Scott Roberts; William Simon; Chuck Wanner; Steve Fearn; Julie Butler

Subject: RE: Fish v.2

I saw exactly the same thing yesterday in a orange sediment covered pool Bruce Knowltons property. Maybe 1000 YoY fry.

From: [REDACTED] **Personal Email/Ex. 6**
Sent: Monday, August 10, 2015 10:33 PM
To: Wall, Dan; Jim White - DNR; Barb Horn - DNR; Scott Roberts; William Simon; Chuck Wanner; Steve Fearn; Julie Butler
Subject: Fwd: Fish v.2

Fish at Zink Ranch near Trimble Lane.

Peter

Sent from my iPad

Begin forwarded message:

From: "Ed Zink" [REDACTED] **Personal Email/Ex. 6**
Date: August 10, 2015 at 10:03:47 PM MDT
To: "John" [REDACTED] <[REDACTED]@co.com>,
"John" [REDACTED] <[REDACTED]@co.com>,
<smit[REDACTED]>,
<SPIN[REDACTED]>,
<patt[REDACTED]>,
Genu[REDACTED]
<LeBlancRP@ci.durangoco.us>, <deanbrookie@ag.gov.org>

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August 10, 2015,

All,

While I am a rancher by profession and my major was in business, I stayed awake in chemistry, geology, biology, and statistics. It seems logical that since we live downstream from a highly mineralized zone we likely live in an eco-zone which has probably somewhat adapted to the acidic nature of the water flowing in the Animas River for millions of years. While this latest incident is certainly a greatly more concentrated flow than we normally experience, it is not altogether out of the realm of past occurrences.

For over 60 years I have closely observed nearly $\frac{3}{4}$ mile of Animas River running along the east side of our Waterfall Ranch. Embedded are photos we took this evening (August 10, 2015) of baby fish, most likely suckers, that are along the bank of the river by the hundreds. This is encouraging to us. If these small, young, susceptible fish survived the recent episode, it might be that Mother Nature is taking better care of herself than we first thought possible.

We are certainly looking forward to receiving good scientific analysis of both the concentration and duration of the extremely concentrated flow. This will be invaluable in developing both short term and long term plans to make the best of the bad situation that now exists.

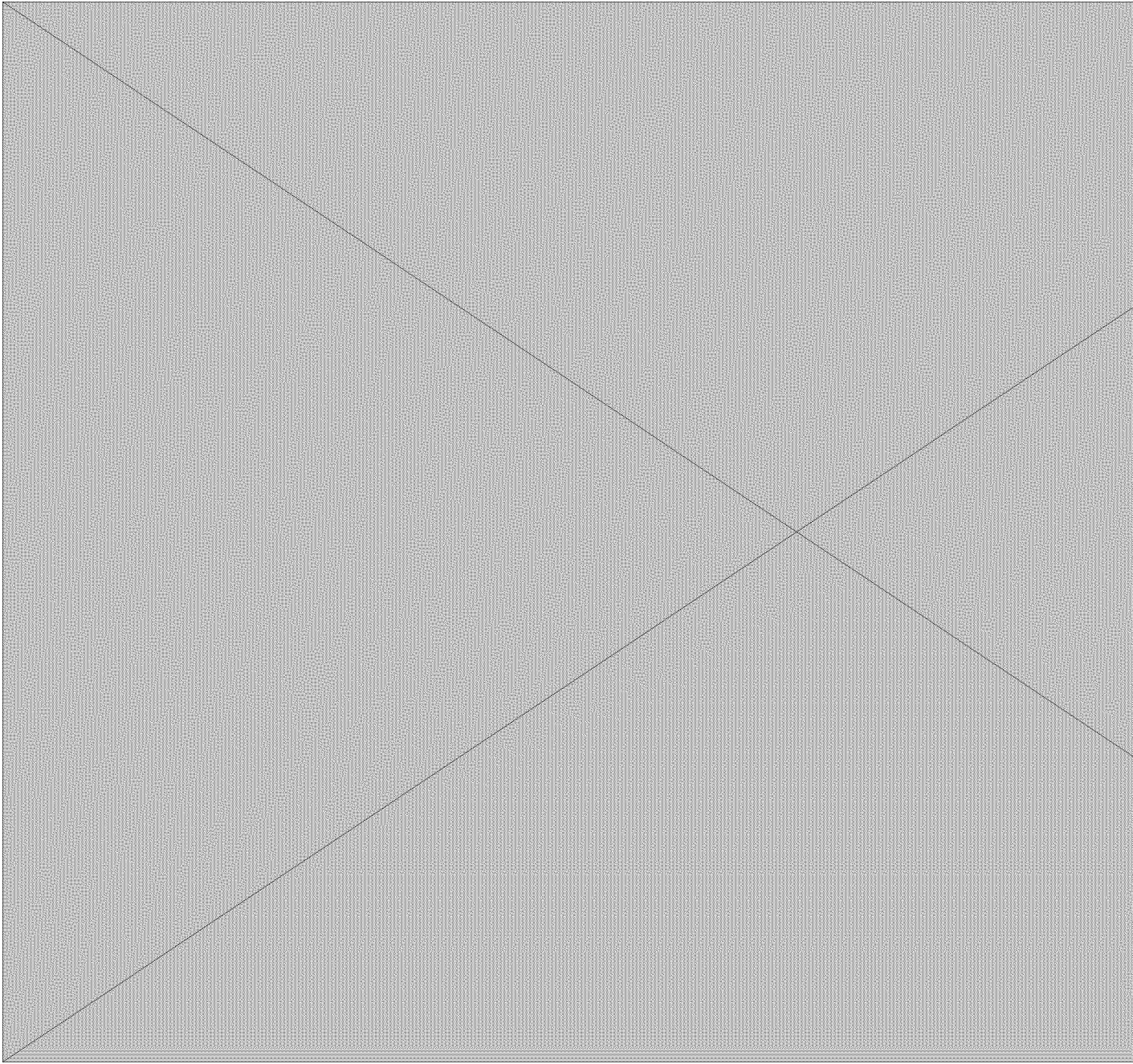
Best Regards,

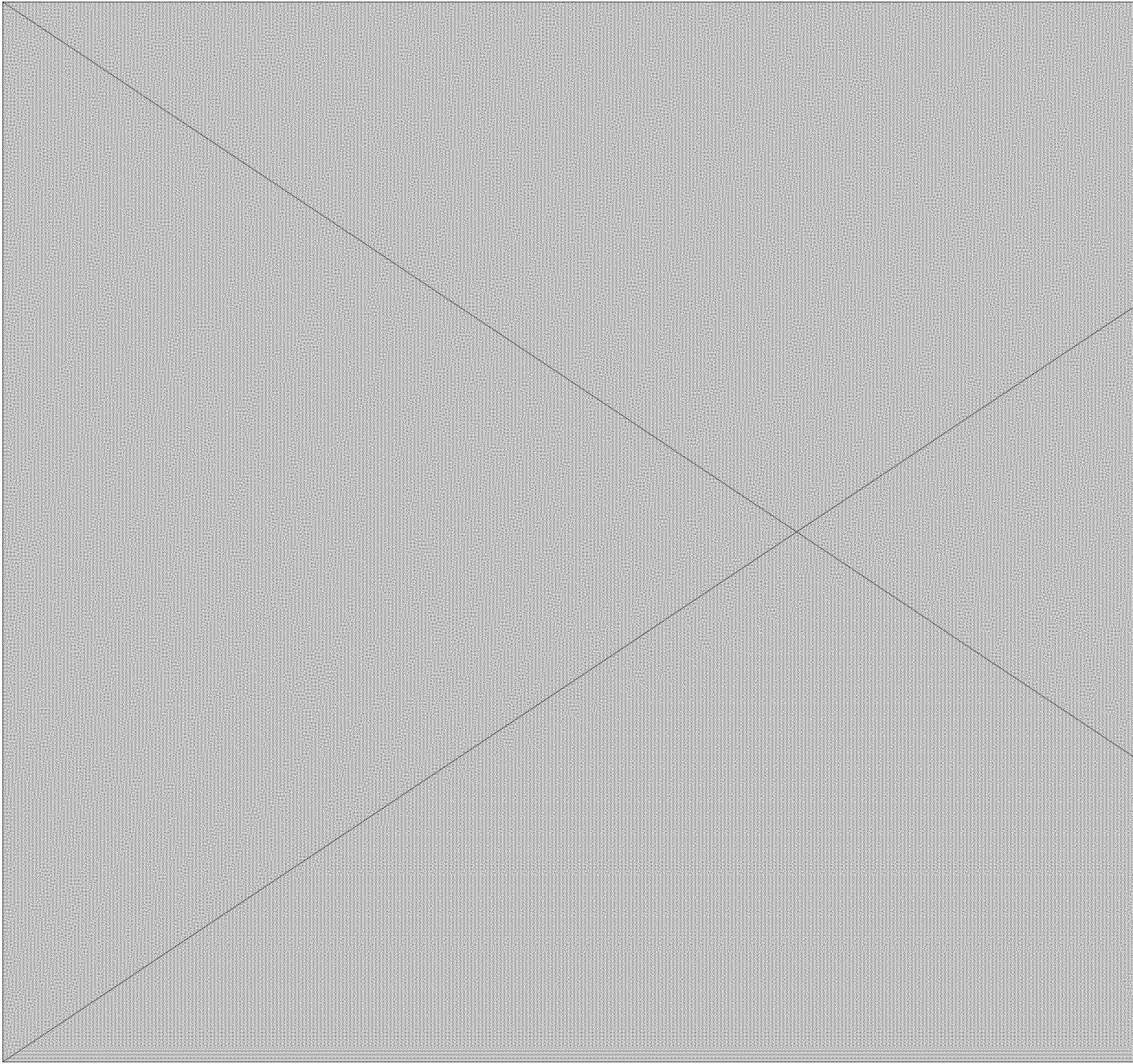
Ed Zink

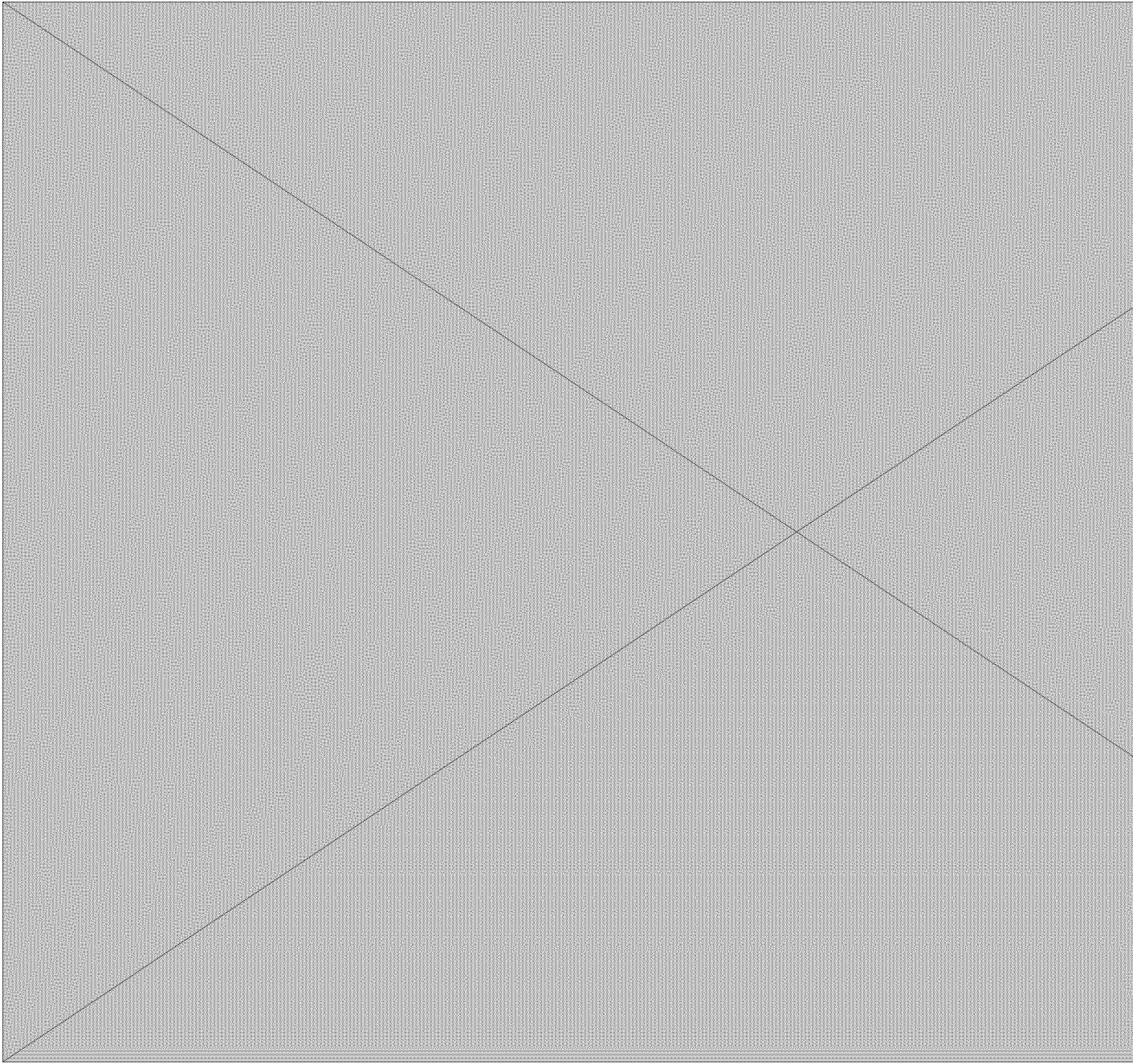
From: Tom Hal **Personal Email/Ex. 6**

Sent: Monday, August 10, 2015 9:02 PM
To: Ed Zink
Subject: Fish v.2









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